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STEREOSCOPIC 3D MONITORS



TRUE3Di monitors deliver visually stunning 3D images in sizes as small as 8" and as large as 40" in high resolution. This is made possible using dual LCD screens, one mounted on the top of the monitor facing downward, the other at the back facing the viewer, a beam-splitting mirror bisects the two. This creates two separate views rendering one complete image for the right eye and one for the left, with no resolution loss. When viewed using passive polarized glasses a true stereoscopic image is created. There are many different applications for this viewing platform. People who can benefit immediately already work with three dimensional imagery and are seeking a desktop or portable solution, rather than expensive projection systems or head mounted gear. The basic requirement is that you have a full resolution source for both right and left display channels.



System Requirements

Operating System : Windows XP Professional
CPU: Intel Pentium 4 - 3Ghz+
(recommend Core 2 Duo+)
M/B: Intel or Nvidia compatible
RAM: 1GB DDR (recommend 2GB DDR2)
HDD: 120GB or over
VID: Nvidia GeForce Series 6, 7 or 8 w/ 256MB+
(Dual VGA or DVI output recommended)

Benefits

Plug and play with your existing dual-output video card and applications
More light and contrast, resulting in improved picture clarity
Electronic alignment for perfect viewing
Solid easy-to-transport construction
No assembly required, simply take out of the box, connect the monitor and power cables, and install the software
Easy to clean with critical components safely concealed.
Toggle 2D to 3D mode at the push of a button
Full service support



The 8" TRUE3Di monitor shown here, is ideal for evaluating your 3D content in real time, on set or location. The monitor is lightweight and very portable. It comes with a number of input options, making it easier to connect with whatever digital cameras you are using. This monitor should be the first choice for anyone creating their own 3D content.





Looking at a monitor is more comfortable than peering into eyepieces, making the resulting 3D stereoscopic image a lot easier to assess or diagnose. Whether your business is in the field of medicine, geology or industrial quality control, it is possible to view your images on our monitor in three dimensions, provided your microscope uses a dual camera feed. There are many different specifications within the above mentioned fields, please call or email us so that we can work together to make your system compatible with our monitor.

Monitor Specifications

Monitor Size	8"	19"	24" HD	40" HD
LCD Manufacturer	Hitachi	Samsung	Samsung	Samsung
Model Number	TRUE-8	TRUE-19	TRUE-24	TRUE-40
Aspect Ratio	16:9	4:3	16:9	16:9
Resolution	800 x 480	1280 x 1024	1920 x 1200	1920 x 1080
Active Area (mm)	174 (H) x 104.4 (V)	376.3 (H) x 301.056 (V)	518.4 (H) x 324 (V)	885.6 (H) x 498.1 (V)
Dot Pitch	0.217 (H) x 0.217 (W)	0.294 (H) x 0.294	0.270 (H) x 0.270 (W)	0.4672 (H) x 0.4612 (W)
Brightness	350	250	400	500
Contrast Ratio	200	500	1000	1000
Colours	262k	16.7m	16.7m	16.7m
Response Time (ms)	10	5	5	6
Dimensions (W x H x D)	218.6 x 188.8 x 250.5	452 x 467 x 418	636 x 530 x 502	1042 x 746 x 745
Input	VGA, S-Video, Component, Composite	VGA, DVI	VGA, DVI, S-Video, Composite	VGA, S-Video, HDMI, Component, Composite

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